

DERWENT-ACC-NO: 1995-037004  
DERWENT-WEEK: 199506  
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TITLE: Recycling of glass fibre composite waste - has ground material mixed with fresh resin, hardener, additive and water and reused

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PRIORITY-DATA: 1993DE-4320627 (June 22, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
DE 4320627 A1	January 5, 1995	N/A
B29B 017/00		006

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
DE 4320627A1	N/A	1993DE-4320627
22, 1993		June

INT-CL (IPC): B29B017/00; B29C069/00

ABSTRACTED-PUB-NO: DE 4320627A

**BASIC-ABSTRACT:** Glass fibre composites are recycled by comminuting the material and mixing it with fresh hardenable synthetic material, water, a hardener and a water retentive inorganic additive. The resultant emulsion is mixed with a reaction accelerator and shaped into an end product before it has set.

**USE -** For reclaiming glass fibre composite trimmings and wastes arising during boat building, pipe and vessel manufacture, etc..

**ADVANTAGE -** Useful components can be obtained from material which has hitherto been discarded.

**CHOSEN-DRAWING:** Dwg.2/2

**TITLE-TERMS:**

RECYCLE GLASS FIBRE COMPOSITE WASTE GROUND MATERIAL MIX FRESH RESIN HARDEN ADDITIVE WATER REUSE

**DERWENT-CLASS:** A35

**CPI-CODES:** A08-C01; A08-D01; A08-R01; A08-S08; A11-C03A; A12-S08B;

**ENHANCED-POLYMER-INDEXING:**

Polymer Index [1.1]

017 ; P0873 P0839 F41 D01 D51 D63 ; S9999 S1456\*R ;

S9999 S1434

; S9999 S1025 S1014 ; M9999 M2073 ; L9999 L2391 ; L9999 L2073

Polymer Index [1.2]

017 ; ND07 ; N9999 N6906 ; N9999 N6928 ; N9999 N6144 ; N9999 N6155

; N9999 N6439 ; N9999 N6042\*R ; N9999 N5947 ; N9999 N7090 N7034

N7023 ; N9999 N7147 N7034 N7023 ; K9574 K9483 ; K9687 K9676 ; K9712

K9676 ; B9999 B5301 B5298 B5276 ; K9892 ; Q9999 Q9290 Q9212 ; Q9999

Q8399\*R Q8366 ; Q9999 Q8731 Q8719 ; K9449

Polymer Index [1.3]

017 ; G2891 D00 Si 4A ; A999 A419 ; S9999 S1070\*R

Polymer Index [1.4]

017 ; G3452 R01278 D00 F44 C\* 4A O\* 6A Ca 2A ; A999 A237

Polymer Index [1.5]

017 ; R02020 D00 D67 F21 H\* Al 3A O\* 6A ; A999 A248\*R

Polymer Index [1.6]

017 ; R01542 D00 D60 H\* O\* 6A Si 4A ; A999 A748

Polymer Index [1.7]

017 ; A999 A146 ; A999 A157\*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-016624